Abstract

A portable data recording and/or data playback device, according to the first design example, includes a headband (1) which contains all functional parts such as a speaker (2), microphone (6), power supply (4), recording/playback unit (3, 5) and operating elements (8). The portable data recording and/or data playback device may be equipped with a speech recognition function (5, 6, 14) so that the cumbersome manual operation of the device is eliminated. The overall operational comfort for the user will thus be significantly improved.

21.   A portable data recording and/or data playback device according to claim 20, wherein the operating information output devices are designed for acoustic and/or visual output of the operating information.

22.   A portable data recording or playback device, comprising

a data capture device or data output device; and

a data memory device or data readout device,

wherein i) data capture device or data capture device, and ii) the data memory device or the data readout device, are contained in a headband.

23.   The device of claim 22 further comprising operating controls for the data memory device or the data readout device, and the operating controls contained in the headband.

24.   The device of claim 22 further comprising operating controls that comprise sound capture apparatus for capture of a sound signal.

25.   The device of claim 24 further comprising operating controls that comprise a speech recognition apparatus for the detection of a user voice command contained in a sound signal and for the conversion of voice commands to a corresponding control command.

26.   A portable data recording or playback device, comprising

a data capture device or data output device;

a data memory device or data readout device; and

operating controls.

27.   The device of claim 26 wherein the operating controls comprise sound capture apparatus for capture of a sound signal.

28.   The device of claim 26 further comprising operating controls that comprise a speech recognition apparatus for the detection of a user voice command contained in a sound signal and for the conversion of voice commands to a corresponding control command.